

The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneedy.sri.com. The bulletin may be freely quoted, provided that credit is given.

144 MHz Es in N & S Hemispheres, VK to ZS on 6?

A Splendid Es Season

I have voluminous reports of Sporadic-E propagation from South America and Australia/New Zealand. Nestor, LW5EJU was on TDY in the city of Comodoro Rivadavia in Patagonia, Argentina far from home. Numerous 144 MHz contacts were made from New Zealand to Australia. In the U.S.A., Europe, and Japan six meter propagation was slow after Thanksgiving and before Christmas. This issue is being put to bed on December 28. Thanks to the Internet and the 6m DX reporters on the same, I can report major and widespread Es openings in the U.S. including 144 MHz the past few days. Details inside.

Followup on EH8BPX

I received the following letter from Avelino. It indicates that he now has his antenna problem solved, but there was no word on the problems with his Yaesu FT680R (which were outlined in last month's bulletin). As my translation is limited, I am printing the original and my translation (with the help of computer software).

Estimado Colega:

Hace unos días que he recibido sus dos cartas por lo que le estoy muy agradecido por sus gestiones referentes a mi problema.

Estoy muy contento por las fotocopias del manual, he de reconocer que en España no hubiera tenido probabilidad de conseguirlo. Cuando le sea posible le ruego me haga llegar el importe de las fotocopias para remitirle el costo de las mismas. En cuanto a los esquemas eléctricos tengo fe en poderlos conseguir también en USA por el mismo motivo.

Tengo que comentarle que gracias a las gestiones con una empresa propiedad de dos colegas radio aficionados de la isla y que comercializan material de TV he. Podido comprar una antena Tonna de 5 elemento la cual esta instalada y funcionando a la espera de que se abra la propagación y poder comprobar el resultado, con lo cual he resuelto otro problema.

En cuanto a su ofrecimiento de material le estoy agradecido con lo que me ofrece pero en condiciones normales no es viable enviar algo desde tan lejos.

Sin otro asunto por el momento me despido de Ud. no sin antes decirle una Feliz Navidad y un Prospero Año Nuevo para Ud. y Familia.

Avelino Martin, EH8BPX

Dear Colleague:

It has been a few days since I have received your two letters because of the one which I sent. I am very grateful for your attention to my problem.

I am very content for the photocopies of the manual [in English], I suppose there was little chance of my getting one in Spanish. At your convenience, I request you bill me for the photocopies. [No charge!] As for the electrical schematics, I trust they will also be of use in the USA.

I have to comment that thanks to the efforts by a company belonging to two radio amateur colleagues on the island that market TV equipment, that I was able to buy a 5 element Tonna antenna. It is now installed and working, awaiting only an opening of propagation to check the result, and thus I have solved another problem.

As for your offer of material, I am to you grateful, but under normal circumstances it is not viable to send something from so far away.

Without more at the moment, before saying goodbye, I must wish a Merry Christmas and a Happy New Year for you and Family.

And I must apologize for the condition of the photocopies which I sent. They are only as good as the photocopies which Yaesu sent me. I would have sent them, but they were single-sided, and the extra cost of postage would have been more than the cost of copying them on two sides. I was tempted to translate the manual; but would have had to type it all in, as I do not have OCR (optical character recognition) software running.

December Storm Batters CA

We on the west coast are not well prepared for 100+ mph winds. They struck on December 11-12, 1995, leaving more than 1 million homes and businesses in California without power. Our power was off for three days--by then your store of flashlight batteries and candles runs down.

Bob, K6QXY, writes: "I understand that W6JKV lost 6 meter EME array in storm--Total Loss! Everything OK here. Almost lost commercial towers but saved them from going down. 'H' frame for EME array looked good in 90 mph winds."

The winds blew away the corrugated iron roofing from half of my barn, uprooted a 50' Douglas Fir, and removed branches from a number of other pine and fir trees. One of these came down on the KLM LP-Yagi which the K6FV beacon used for the South Pacific. Broke every element and boom in half. (Another antenna ends up on the scrap pile!) Guess that means it was "big enough!"

And so, I've been clearing fallen trees and branches on our property during my Christmas vacation in addition to working on the bulletin. Many thanks you all of you that have contributed to the bulletin and have thus made my life easier. May you all enjoy a Happy and Prosperous New Year!

November-December 1995 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of G4UPS, SM7AED's *Six-metre Info*, JA1VOK's columns *Worlds VHF News* in **FIVE NINE** and **VUHF DX Topics** in **MOBIL HAM**, ZL1MQ, LW5EJU, LU8EWD, G3OIL, VK3ALM, SP5XMU, K6QXY, and postings on the Internet. Reports by SM7FJE are via *6-metre Info*. Apologies to any sources I may have inadvertently neglected. Apologies also for missing the date on JH1WHS's reports of 1107 last month (which were reported as 1106, and are listed corrected this month).

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1995. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A - indicates the observation was one of several in a time period ending at the given time. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV or FM station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, R=repeater, S=SSB, W=mode not mentioned, H=heard only. FM audio usually means 88-108 MHz (180F3), but with a TV channel or VF means TV audio (80F3). With a radio amateur callsign or amateur frequency, it usually denotes 16F3.

Reports of Africa or Asia

JA1VOK reports in Jan. 1996 *Worlds VHF News* that ZS6JV heard VK3OT around 10Z on November 26 while 48.25 video was heard by VK1RX and VK3AMK during the same time.

48.25 MHz is channel E2, used in Europe, parts of Asia, and Africa. The stations using this frequency outside of Europe (with power in kW) are: Timboroa, Kenya (10); La Misere, Seychelles (1); Freetown, Sierra Leone (1); Genting Sempah, Malaysia (112); Limbang, Malaysia (13); and Songkhla, Thailand (0). Take your pick!

Reports of Asia

OMAN: Tony Selmes, A45ZN, (G4KLF, ZS1D, ex-ZS6BWF & H5AFU) has recently returned to the Sultanate of Oman for a two-year tour of duty. He will operate from the Muscat club station A47RS until he has settled down. QSL via ROARS, PO Box 981, Muscat, Sultanate of Oman.

TAIWAN

11250750	BV2FG	50.003	B	JA5CMO
11250750	BV2RR	50.110		JA5CMO
11250754	BO2AB	50.110		JA5CMO

Reports of Europe

EUROPE GENERAL

11081050 EU INBAND TV STRONG I G4UPS

AUSTRIA

11190844 OE5XBL CLG CQs CW & SSB H G4UPS
12231927 OE6TAG JN77 > IO91 ES S G3OIL

CRETE

11061110-SV9SIX 599 B IK2GSO

CZECH REPUBLIC

11180945 OK2BGW > IO70 W G3ZYY

DENMARK

11041630-OZ4VV J044

B SM7FJE AU

ENGLAND

11010842	G4UPS, 0901	G3CCH	SM7AED MS
11020550	G3CCH		SM7AED MS
11020852	G4UPS		SM7AED MS
11030900	G3CCH		SM7AED MS
11040850	G4UPS		SM7AED MS
11050832	G3CCH	IO93	SM7FJE MS
11050832	G4UPS		SM7AED MS
11060850	G4UPS		SM7AED MS
11080853	G4UPS	IO90	SM7FJE MS
11090550	G3CCH, 0850	G4UPS	SM7AED MS
11100846	G4UPS, 0901	G3CCH	SM7AED MS
11120852	G4UPS		SM7AED MS
11130850	G4UPS, 0900	G3CCH	SM7AED MS
11140850	G4UPS, 0900	G3CCH	SM7AED MS
11150843	G4UPS, 0859	G3CCH 579	C SM7AED MS
11160550	G3CCH		SM7AED MS
11160847	G4UPS, 0900	G3CCH	SM7AED MS
11170845	G4UPS, 0859	G3CCH	SM7AED MS
11180845	G4UPS, 0800	G3CCH	SM7AED MS
11190832	G3CCH, 0853	G4UPS	SM7AED MS
11200900	G4UPS, 0901	G3CCH	SM7AED MS
11210855	G4UPS, 0801	G3CCH	SM7AED MS
11220851	G4UPS, 0800	G3CCH	SM7AED MS
11230550	G3CCH		SM7AED MS
11230848	G4UPS, 0900	G3CCH	SM7AED MS
11240851	G4UPS, 0901	G3CCH & G4UPS	SM7AED MS
11250851	G4UPS, 0901	G3CCH	SM7AED MS
12171006	G3HBR	59/59 IO91 Brian	S SP5XMU
12171021	G4JCC	59/59 IO90	S SP5QWB
12171021	G4UPS	59/59 IO80	S SP5QWB
12171021	G6STC	59/59	S SP5QWB

FINLAND

11041625 OH9SIX KP36>J065	AUE	B SM7AED
11041630-OH1SIX KP11		B SM7FJE AU

GIBRALTAR

11171150 ZB2VHF 559 -1202 > IO80	B G4UPS
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GREECE

11090930 SV1SIX KM18 > J065	B SM7AED Es
11090946+SV1SIX -1146	B SM7FJE Es
11181415 SV1SIX	B SM7FJE Es

ITALY

11061110 IK2GSO 579/529 JN45 ENRICO C G4UPS	
11081125 IK2GSO 529/529 JN45 ENRICO C G4UPS	
11081152 I5MXX 599/599 JN53	C G4UPS
11081157 IK5QGO 599/599 JN53JS MARCO	G4UPS
11091131 I2WSG 599/599 JN45 SILVIO C G4UPS	
11121222 IK0OKY 55/52 JN61 EMIL	S G4UPS
11121228 IK0OKY > IO70	G3ZYY
12171055 I5WBE 59/59 JN53 Henry	S SP5XMU
12171059 IK2JET 55/55 JN55	S SP5XMU
12171130 IK4ADE 59/59 JN54	S SP5QWB
12171134 IK4ADE 59/59 JN54	Franco S SP5XMU
12171143 IK0VAQ 59/59 JN61 Alex	S SP5XMU
12171150 IK3OCD 59/59 JN64 Flavio S SP5XMU	
12171154 I2WSG 59/59 JN45 Silvio S SP5XMU	
12171238 IK0FTA 59/59 JN61	S SP5QWB
12171239 IK0FTA 59/59 JN61 Serge	S SP5XMU
12171242 IK0VAQ 59/59 JN61	S SP5QWB

POLAND: Tom, SP5XMU, writes that there are about 120 50 MHz permit holders in Poland, but only half are real DXers, and some of them are only active in summer time when the band is open. He is inquiring about a book with a title resembling **A Guide to the Magic Band SIX METER**. Some of his friends would like to buy it, but they don't know if it is for beginners or more advanced.

He also asks for some designs of long beams for the 6 meter band (like the 11 element M2 or 6 element Cushcraft long beam or some home designs) that will help him and his friends to build some better antennas for next season.

I will attempt to measure the commercial antennas that I have (had); and will attempt to get them into coming issues when there is less 6m DX to list. Readers are invited to submit their favorite designs. I suspect that Brian Beezley's YO (Yagi Optimizer) would model a better antenna than most of the ones available commercially (at least in the years preceding YO).

12231813 SP9QZT JO90 > IO91 ES S G3OIL
 12231905 SP8NCJ KO12 > IO91 ES S G3OIL
 12231906 SP4MPB KO03 > IO91 ES S G3OIL
 12231911 SP5XMU KO02 > IO91 ES S G3OIL
 12231914 SP9MRQ JO90 > IO91 ES S G3OIL

ROMANIA

11090946 Y07VJ KN14 -1146 SM7FJE Es
 11091023 Y07VJ KN14 > JO65 SM7AED Es
 11091040 Y07VJ > IO91 G

RUSSIAN FEDERATION

11090900 UA TV -1100 I SM7AED Es

SCOTLAND

11041630-GB3LER IP90 B SM7FJE AU

SERBIA

11090923 YU1SIX KN03 -1050 > JO65 B SM7AED Es
 11090946+4N1SIX -1146 B SM7FJE Es
 11090946+YU1SIX -1146 B SM7FJE Es
 12231923 YU1EU KN04 > IO91 ES S G3OIL
 12232048 YT1AU KN04 > IO91 ES S G3OIL

SLOVENIA

11181301 S59A 559/559 JN76XP S G4UPS MS
 12231951 S57MC JN86 > IO91 ES S G3OIL

SWEDEN

11010842 SM7AED 569/449 >IO80JV C G4UPS
 11020852 SM7AED 559/449, 0855 599 C G4UPS
 11030849 SM7AED 559 H G4UPS
 11040847 SM7AED 559/449 C G4UPS
 11041630-SK3SIX JP71 B SM7FJE AU
 11050815 SM7FJE 579 & 0833 H G4UPS
 11050818 SM3EQY 55 G4UPS
 11050827 SM7AED 569, 579/559 & 0832 C G4UPS
 11060748 SM7AED 559/449 C G4UPS
 11080747 SM7FJE 559/339, 0753 599 G4UPS
 11090847 SM7AED 559/339 C G4UPS
 11100845 SM7AED 559/339 C G4UPS
 11120852 SM7AED 559/459 C G4UPS
 11130850 SM7AED 569/449 C G4UPS
 11140850 SM7AED 569/339 C G4UPS
 11150845 SM7AED 559/339 C G4UPS
 11160846 SM7AED 559/339 C G4UPS
 11170844 SM7AED 579/579 C G4UPS
 11180845 SM7AED 559/339 C G4UPS
 11180920 SM3EQY 57/57 JP71 S G4UPS
 11190845 SM7AED 559/339 & 0853 579 C G4UPS
 11200900 SM7AED 599/599 C G4UPS
 11210853 SM7AED 579/579 & BY G3CCH C G4UPS
 11220849 SM7AED 559/449 C G4UPS
 11230848 SM7AED 559/449 C G4UPS
 11240902 SM7AED 599/599 C G4UPS
 11250851 SM7AED 559/449 C G4UPS

Reports of North America

This month's TV & FM DX reporters in North America include Pat Dyer, WA5IYX, San Antonio, TX; Danny Oglethorpe, Shreveport, LA; and Fernando Garcia, near Monterrey, NL, Mexico.

ANGUILLA, BRITISH VIRGIN Is.: VP2EE told KS0F on ten meters that they are coming back on 50 MHz again after absence due to lost antenna. -- Tnx SM7AED

CANADA
 12260203 VE3FOD EN76 > EM84 KP4XS/4

12260211 VE3FGU	FN04	> EM84	KP4XS/4
12260211 VE3UY	FN04	> EM84	KP4XS/4
12260217 VE3CIT	FN07	> EM84	KP4XS/4
12260240 VE3	ON	93.5 F	WA5IYX
12260350 VE3UBL		> EL09QL	B WA5IYX
12261619 VE3XTH	EN93	> EN34 650MI	W NOHJZ
12261920 VE2PEP	FN47/49?	> EM84XP	KP4XS/4
12262009 VE9AA	FN65	> EM84XP	KP4XS/4
12262029 VE1RAA	FN84	> EM84XP	KP4XS/4
12262035 VE7		> DM07AA	N7STU/6

COSTA RICA

10290130 TI2NA	S1	50.0785	B LW5EJU TE
11070107 TI2NA		50.078	B LU8EWD
11070201 TI4JHQ	EK70	50.115	S LU8EWD
11070202 TI7WAM/4	EK70	50.115	SC LU8EWD

CUBA

10050100 Cuba	3	> NL	T GARCIA
12252031 CO2PL	EL83	> EM84	KP4XS/4
12252039 CO2LP	EL83	> EM84	KP4XS/4
12252238 CO2KK	EL83	> EM84	KP4XS/4
12252241 CO2OJ	EL83	> EM84	KP4XS/4
12271510 CO2OJ	WKG W8,9	> EM48	H KS0F

GUATEMALA

10070003 TGV	3	GUATEMALA	1120 T WA5IYX
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HONDURAS

12251640 HR	-1650	92.3,97.7	F WA5IYX
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MEXICO: Word on the Internet relayed by N6XQ. Bernardo, XE2HWB, was struck by a stone thrown by an off-road vehicle on December 17, resulting in a fracture of the cranium which required three hours of surgery and a probable stay in the hospital through the end of 1995.

10130100 XHBC	3 BN 1041	> NL	T GARCIA
10130136 XHBC	3 MEXICO		T WA5IYX
11200255 unIDs 2,4	Mexico	> LA	T OGLETHORPE
12091750 XE2UZL	DM10 > CN85 (OR)	B	WX7R
12251950 XE1J	DK89	> EM84	KP4XS/4
12252130 XE	HERMOSILLO	90.7 F	WA5IYX
12252220 XE2	BN		WA5IYX
12261620+XE2UZL		> EL09QL	B WA5IYX
12261854 XM2AWR	FN46	> EM84XP	KP4XS/4
12261901 XE2OR	DL98	> EM84XP	KP4XS/4
12270140 XE2	BN	MUF TO 107.9 F	WA5IYX
12270200+XE		> DM07AA	N7STU/6
12270520 XE2UZL		> EL09QL	B WA5IYX

NICARAGUA

10212330 YN	2,4	1100	> NL T GARCIA
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PUERTO RICO

12252024-KP4EIT		> DM62	N5JHV
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SABLE IS. (CANADA): via SM7AED and OPDX #229: "VE9AA, WA8JOC, W9OEH, and one additional VE operator to be named later, have received a license for Sable Island with the assigned callsign of CY0AA. The team is still working through the red tape to get landing permission (so they are half way there). The operation is tentatively scheduled for June 1996 for 7 to 10 days. Contributions will be requested as the cost of this DXpedition will be at least fifteen thousand dollars (shipping cost for boats, planes, etc...) No contributions will be requested until all the loose ends of authorization are finalized. The team plans to concentrate on 30-6 meters, but wire antennas will be brought for 40/80 meters just in case of poor propagation that renders the higher frequencies useless. Any questions can be directed to VE9AA or WA8JOC."

United States, W1: WZ1V reports that on December 1, Ed Bristol, W1RJA, became a silent key at age 64, passing suddenly from a heart attack while in his sleep. Active on 6, 2, 222 and 432, Ed had a commanding signal from his FN31

CT QTH for over 30 years. A staunch supporter of the North East Weak Signal Group from its inception, he had just been elected to its Executive Board of Directors. Ed is survived by xyl Rae Bristol, K1LXD.

12252101+W1ENQ	> EM48 MO	WA0KBZ
12260210 KD1AM	FN33 > EM84	KP4XS/4
12260212 N1IME	FN44 > EM84	KP4XS/4
12260214 N1DYR	FN54 > EM84	KP4XS/4
12260222 KD1YQ	FN34 > EM84	KP4XS/4
12261444 W1CWU	FN42 WEAK 50.150 H	KSOF
12262112 K1GUP	FN54 > EM84XP	KP4XS/4
12271515 WZ1V	FN31 > EM48 H	KSOF

United States, W2

12252101 N2NHN	> EM48 MO	WA0KBZ
12252101+WA2IIIE	> EM48 MO	WA0KBZ
12260350+W2	> EL09QL H	WA5IYX

United States, W3

12251740 W3	PA MUF > 107.3 F	WA5IYX
12252101+N3IRN	> EM48 MO	WA0KBZ
12252101+WB3ANT	FN21 > EM48 MO	WA0KBZ
12260215 N3FKV	FN10 > EM84	KP4XS/4

United States, W4

10050115 WESH	2 FL 1178 > NL T	GARCIA
10050130 WEDU	3 FL 1116 > NL T	GARCIA
10231529 WEAR	3 FL PENSACOLA 660 T	WA5IYX
10231704 WREG	3 TN MEMPHIS 645 T	WA5IYX
10232029 WDIQ	2 AL DOZIER 739 T	WA5IYX
10240100 WPBT	2 FL 1243 > NL T	GARCIA
10240200 WJXT	4 FL 1243 > NL T	GARCIA
10241528 WCBD	2 SC CHARLESTO 1139 T	WA5IYX
10241645 WSAV	3 GA SAVANNAH 1040 T	WA5IYX
11201528 WPBT	2 FL 939 > LA T	OGLETHORPE
11242235 WUNDt	2 NC > LA T	OGLETHORPE
11250325 WESHT	2 FL > LA T	OGLETHORPE
11250340 WPBT	2 FL 939 > LA T	OGLETHORPE
11250345 WFOR	4 FL 939 > LA T	OGLETHORPE
11250345 WPTV	5 FL 912 > LA T	OGLETHORPE
12042250 W4	EL96 > FM19	W3OTC
12042330+W4	TN EM86 > DM43 -0300	NU8I/7
12232029 W4	FL EL96 > EM48 MO	WA0KBZ
12232311 W4	FL	NS4W
12251711 W4	FM03 > EM21	WA5JCI
12251731 W4	EL98 > EM84 MO	WA0KBZ
12251740 W4	NC, SC, FL -1940 F	WA5IYX
12251741 KA4VXT	FL EL98 > EM48 MO	WA0KBZ
12251743 AE4T/M4	FL EL96 > EM48 MO	WA0KBZ
12251745 N4FMA	FL EL96 > EM48 MO	WA0KBZ
12251750+K4HHH	EL88 > EM48 MO	WA0KBZ
12251750+W4	EM62, EM70, EM60 > EM48 MO H	WA0KBZ
12251750+W4	EM94, EM92 > EM48 MO H	WA0KBZ
12251750+W4/WA2IYX	EL96 > EM48 MO	WA0KBZ
12251750+W4KA	EL96 > EM48 MO	WA0KBZ
12251750+W4ADFO	EL87 > EM48 MO	WA0KBZ
12251750+WA4GLV	EM83 > EM48 MO	WA0KBZ
12251750+WB4GMD	EM71 > EM48 MO	WA0KBZ
12252024-W4	S. FL > DM62	N5JHV
12252024-W4	EM84 > EM52	SHORT SKIP W5?
12260000 W4	FM14, FM04 > EM48 MO	WA0KBZ
12261840 W4UDH	EM52 > DM42 144.2 W	N7WS
12261930+AC4PD	EM73 > FN42	WA2SCA/M
12261930+K4NQZ	EM85 > FN42	WA2SCA/M
12261930+K4RWA	EM75 > FN42	WA2SCA/M
12261930+KD4EPI	EM85 > FN42	WA2SCA/M
12261930+KJ4V	EM60 > FN42	WA2SCA/M
12261930+W4/KP4XS	EM84 > FN42	WA2SCA/M
12262035 W4	AL, GA > DM07AA	N7STU/6
12262130 WEDU	3 FL	T CONIGLIO
12270200+W4	VA > DM07AA	N7STU/6

United States, W5

10231539 WBZRZ	2 LA BATONROUG 446 T	WA5IYX
11190230 W5	DM91, EM02 -0300	K6QXY
12042330 W5	OK, TX, AR, LA, MI -0300	NU8I/7
12050252 KB5IUA	EL29 > DM42 144.	W7GZ FAI
12232029 W5	EM84, EM85 > EM84	WA0KBZ
12251527+WB5NXD/MM	EL38 > AZ 50.150	WA2IYX/4
12251750+W5	EM50, EL29 > EM48 MO H	WA0KBZ

12251900+N5JHV	579 DM62>EL96 50.100 C	WA2IYX/4
12252024-W5	EM52 > DM62	H N5JHV
12252101+K5MA	FM32? > EM48 MO	WA0KBZ
12260220 KTBS	3 LA MUF TO 100.3 T	CONIGLIO
12261815 W5	ALBQ NM 600 MI 104.1 F	WA5IYX
12261837 K5UGM	EM12 > DM42 144.2 W	N7WS
12261839 W5/NOEQ	EM24 > DM42 144.2 W	N7WS
12261840 W5/KAONNO	EM24> DM42 144.2 W	N7WS
12261852 N5TNM	EM25 > DM42 144.2 W	N7WS
12261900 W5	NM SHORT SKIP F	WA5IYX
12261900 W5VAS	EL29(?)> DM42 144.2 W	N7WS
12261904 KB5IUA	EL29 > DM42 144.2 W	N7WS
12261905 N5XNW	EM10 > EM84 144.2 S	KP4XS/4
12261905 NZ5C	EM11 > EM84 144.2 S	KP4XS/4
12261905 W5VY	EM09 > EM84 144.2 S	KP4XS/4
12261914 WA5JCI	EM21 > DM42 144.2 W	N7WS
12261915 N5BLZ	EL29 > DM42 144.2 W	N7WS
12261916 KB5RF	EM21 > DM42 144.2 W	N7WS
12261917 N5AO	EM13 > DM42 144.2 W	N7WS
12261925 K5UGM	EM12 > EM84 144.2 S	KP4XS/4
12261926 KD5UBL	EM12 > EM84 144.2 S	KP4XS/4
12261926 N5LTG	EM23 > DM42 144.2 W	N7WS
12261927 W5	EM61 > CN85	H N7DB
12261936 KB5RF	EM12 > EM84 144.2 S	KP4XS/4
12261936 N5AO	EM12 > EM84 144.2 S	KP4XS/4
12261937 KG5UN	EM02 > EM84 144.2 S	KP4XS/4
12261938 KC5LLT	EM12 > EM84 144.2 S	KP4XS/4
12261946 W5/WF6C	EL29 > DM42 144.2 W	N7WS
12262015 W5FF	NM. > CN85	H N7DB
12262015+W5OZI	TX. > CN85	H N7DB
12262035 W5	TX,OK > DM07AA	N7STU/6
12270053+NY5Y	< 0500 DM82 > EM48	WA0KBZ
12270053+WD5BST	< 0500 DM93 > EM48	WA0KBZ
12270200+W5	TX,OK > DM07AA	N7STU/6

United States, W6

12091800 K6GMV	DM14 > CN85 (OR)	WX7R
12091807 NF6L	DM13 > CN85	WX7R
12251857 WA6IJZ	DM44 > EM84	KP4XS/4
12251859 K6KLY	CM87 > EM84	KP4XS/4
12251900+WA6VQZ	459>EL96 50.100 C	WA2IYX/4
12251903 KC6IPF	CN80 > EM84	KP4XS/4
12251906 KD6GPJ	CM87 > EM84	KP4XS/4
12252005 KC6UIX	DM14 > EM84	KP4XS/4
12252130 WA6KLK	CM89 > EM84	KP4XS/4
12252220 W6	S.CA. MUF 94.5 F	WA5IYX
12261904+WB6UAN	N.CALIF > EM21 144.	WA5JCI
12270053+W6OPL	< 0500 DM13 > EM48	WA0KBZ
12270140 W6	S.CA MUF TO 107.9 F	WA5IYX

United States, W7

10251542 KTWO	2 WY CASPER 1011 T	WA5IYX
10251629 KUTV	2 UT SALT LAKEC 1083 T	WA5IYX
11260059 KTVO	2 MT 1215 > LA T	OGLETHORPE
11260315 KCWCT	4 WY PBS > LA T	OGLETHORPE
12042330 KNAZ	2 AZ 1045 > LA T	OGLETHORPE
12042350 KVUU	5 NV 1238 > LA T	OGLETHORPE
12042359 KUTV	2 UT 1160 > LA T	OGLETHORPE
12050001 KSGIT	4 UT ANC > LA T	OGLETHORPE
12251527 W7	AZ -1927 FL	WA2IYX/4
12251750+W7 DM18	> EM48 MO H	WA0KBZ
12251900 W7GZ	57 DM42>EL96 50.150 S	WA2IYX/4
12251900+W7XK	579 CN92>EL96 50.100 C	WA2IYX/4
12251900+WE7H	459 DN31>EL96 50.100 C	WA2IYX/4
12251903 NN7K	DM09 > EM84	KP4XS/4
12251909 K7XV	DM09 > EM84	KP4XS/4
12251911 W7XK	CN92 OREGON > EM84	KP4XS/4
12251918 WA7DIA	DM09 > EM84	KP4XS/4
12252012 K7ICW	DM26 > EM84	KP4XS/4
12252136 AA7AA	DN40 > EM84	KP4XS/4
12252300 W7	UT, L.V. NV 93.5 F	WA5IYX
12260125 W7 MT	> DM09 NV	NC7K
12260125-AA7UE	DN17 > DM09 NV	NC7K
12260125-AB7CE	DN36 > DM09 NV	NC7K
12260125-W7HAAH	DN26 > DM09 NV	NC7K
12260125-W7ZRY	DN45 > DM09 NV	NC7K
12261745 W7	UT MUF 106 F	WA5IYX
12261900 W7	UT, N AZ. F	WA5IYX
12261904 K7CA	DM26 > EM21 144. F	WA5JCI
12261904+KB7PIZ	DM33 > EM21 144. F	WA5JCI
12261904+KF7NP	DM33 > EM21 144. F	WA5JCI
12261904+N7WS	DN42 > EM21 144. F	WA5JCI

12261904+W7RV	DM43	> EM21 144.	WA5JCI	11250855	VK2HC	S ZL3NE	
12261904+WA7KXF	AZ.	> EM21 144.	WA5JCI	11272354	VK2AIF	S ZL2WNB	
12262015-W7	AZ.	> CN85	H N7DB	11282345	VK2AWZ	146.8 R ZL3	
12262035 W7	MT	> DM07AA	N7STU/6	11292215+VK2FZ/4		S ZL4AAA	
12262050 W7	ID	92.5 F	WA5IYX	11292257+VK2FZ/4		S ZL1AVZ	
12270053+KB7EBE<	0500	DM22 > EM48	W WA0KBZ	12042250	VK2YDC	S ZL1MQ	
				12050850	VK2YDC	S ZL3NE	
				12060625	VK2DVZ, 0630 BY ZL1IU 144.	S ZL1TWR	
United States, W8				12060645	VK2PB	S ZL1MQ	
10251758 WJBK	2 MI	DETROIT	1238 T	WA5IYX	12062351+VK2ARB	S ZL2AGI	
10251855 WDTN	2 OH	DAYTON	1076 T	WA5IYX	12070138	VK2FLI	S ZL1MQ
12252101+WB8TSC	FN31	> EM48 MO	WA0KBZ	12070150	VK2AIF	S ZL3NE	
12260350+W8		> EL09QL H	WA5IYX	12070228	VK2DN	S ZL3NE	
12261620 W8	EN90		> EL09QL B	WA5IYX	12070254	VK2AIF	S ZL1MQ
12261705 W8	OH	MUF 98 MHZ	F WA5IYX	12070455	VK2DVZ	S ZL3NE	
12270200+W8	OH	> DM07AA	N7STU/6	12080140	VK2FZ/4	59 >QF22 50.155 S VK3ALM	
United States, W9				12080355	VK2BRG	59 >QF22 50.120 S VK3ALM	
10251729 WCJA	3 IL	CHAMPAIGN	931 T	WA5IYX	12100120	VK2WL	55 >QF22 50.150 S VK3ALM

United States, W9

10251729	WCIA	3	IL CHAMPAIGN	931	T	WA5IYX
10251959	WISC	3	WI MADISON	1062	T	WA5IYX
11212050	AA9PC	57	FN20 >EN63	50.138	S	NL7XM/2
12050059	WISC	3	WI MADISON	1062	T	WA5IYX
12260350+98	& 0644			> EL09QL	H	WA5IYX

United States. Wo

10250259	KGFE	2	ND GRANDFORK	1289	T	WA5IYX
10251449	KOTA	3	SD RAPIDCITY	1039	T	WA5IYX
10251452	KXMA	2	ND DICKINSON	1213	T	WA5IYX
10251710	KGAN	2	IA CEDARAPID	960	T	WA5IYX
11260245	KWGN	2	CO 806	> LA	T	OGLETHORPE
12042330	WO KS, MO	> DM43	-0300			NU8I/7
12050015	KGAN	2	IA CEDARAPID	960	T	WA5IYX
12050026	KIMT	3	IA MASONCITY	1011	T	WA5IYX
12162359	KBME	3	ND BISMARCK	1187	T	WA5IYX
12162359	KUSD	2	SD VERMILLION	942	T	WA5IYX
12260053	WOIJR, WOMTK	> CN85	OR			N7DB
12260125-NOZZU		DN94	> DM09	NV		NC7K
12260127	NOIPL	DM76	> CN86	ES 144.2		KE7WH
12260127-WO		4 CO DENVER	> CN85		T	N7DB
12260250	WO/KL7MH	EN00	>	EM84		KP4XS/4
12260625	KTVI	MO ST. LOUIS			T	WA5IYX
12261620	NOLL		>	EL09QL	B	WA5IYX
12261730	WO	CO (WEST)			F	WA5IYX
12261807	NOWYU	DM79	>	DM09	W	NC7K
12261811	NOLL		>	DM09	B	NC7K
12261812	WOIJR	S5	>	DM09	B	NC7K
12261815	KGOER/M	DM79	>	DM09	W	NC7K
12261825	KSNC	2 KS	>	DM09	T	NC7K
12261830	WOMTK	S9	>	DM09	B	NC7K
12261835	KBME	3 ND	>	DM09	T	NC7K
12261858	NOLL		>	CN85		B N7DB
12261900	WO	CO SHORT SKIP			F	WA5IYX
12261904	WOIJR		>	CN85		B N7DB
12262130	KOGU	DN70	TO 0600Z	SEE DX54.MAI		
12270053+KCORP	< 0500	DM70?>	EM48		W	WA0KBZ
12270053+NOLL		EM09	>	EM48	W	WA0KBZ
12270053+NTOV	< 0500	EN08	>	EM48	W	WA0KBZ
12270200	WO	CO, NE	>	DM07AA		N7STU/6
12270520	KBME	3 ND	SEVERAL HOURS		T	NC7K
12270520	KSNC	2 KS			T	NC7K

Reports of Oceania

AMERICAN SAMOA

12020500 KVZK 2 AM.SAMOA 55.245 V ZK1AA
 12021135 KVZK 2 -1335 55.245 V ZK1AA
 12050648 KVZK 2 -0653 55.245 F&V ZK1AA
 1211XXXX KVZK 2 & 4 AM.SAMOA V ZK1AA

AUSTRALIA GENERAL

AUSTRALIA GENERAL
12110100 VK TV 0 46.24 V ZK1AA

AUSTRALIA-VK1

11260539 VK1BSC	>PERTH W.A.	H MANN
11260539 VK1RX	>PERTH W.A.	H MANN
AUSTRALIA-VK2		
11110700 VK2IBT	S ZL3NE/1	
11110820 VK2AIF	S ZL3NE	
11122337 VK2YDC	S ZL3NE	
11212359 VK2RSY	S ZL3NE/1	
11250820 VK2ABW/2	S ZL3NE	
144.	S ZL3NE/1	

AUSTRALIA-VK3

11070620	VK3XQ	NOT	1106	50.110	JH1WHS
11070625	VK3BQS	NOT	1106	50.150	JH1WHS
11070638	VK3ALM	NOT	1106	50.150	JH1WHS
11070650	VK3TMJ	NOT	1106	50.110	JH1WHS
11070651	VK3BBB	NOT	1106	50.110	JH1WHS
11070653	VK3KMF	NOT	1106	50.110	JH1WHS
11261000	-VK3OT				ZS6JV
11280047	VK3ZNF				S ZL1MQ
12050006	VK3KEJ	,	VK3YKS	146.9	R ZL3
12050255	VK3LK				S ZL3NE
12070146	VK3YDE	,	0154	VK3DQJ	S ZL1MQ
12070206	VK3KCM				S ZL1MQ
12070215	VK3YDE				S ZL3NE
12070500	VK3LK	&	0600		S ZL3NE
12100150	VK3ARN				F ZL3NE
12100442	VK3YDE				S ZL1MQ
12100450	VK3DUQ	,	0455	VK3DUT	S ZL1MQ
12100600	VK3LK				S ZL3NE
12100637	VK3AMX				S ZL1MQ
12100650	VK3ZNF				S ZL1MQ
12100702	VK3OT				S ZL1MQ
12100730	VK3AMX				S ZL1MQ

AUSTRALIA-VK4

11070346	VK4GPS	NOT	1106	50.110	JH1WHS
11070348	VK4AFL	NOT	1106	50.135	JH1WHS
11070352	VK4WTN			50.110	C JF1CZQ
11070352	VK4ZAA	NOT	1106	50.135	JH1WHS
11070358	VK4AFL			50.140	JF1CZQ
11070609	VK4GMH	NOT	1106	50.130	JH1WHS
11070623	VK4DLM	NOT	VK3DLM	50.110	JH1WHS
11122350	VK4KK,	2355	VK4AFL		S ZL3NE
11230045	VK4AFL				S ZL1MQ
11230120	VK4KK,	0122	VK4AFL		S ZL3NE
11272222	VK4AFL				S ZL1MQ
11272222+VK4AFL				51.	S ZL1TMF
11272222+VK4AFL	BY	ZL2KT, ZL2AGI,			S ZL2WNB
11282214	VK4KK,	2356	ON SSB		C ZL1MQ
11290130	VK4DO				S ZL2AGI

11291846	VK4AFL & 2212		S	ZL1MQ	
11291955	VK4/VK2FZ	144.	S	ZL3NE	
11292005	VK4/VK2FZ	144.	S	ZL1TWR	
11292055	VK4AFL		S	ZL3NE	
11292108	VK4KSO, 2130	VK4QV	144.	S	ZL3NE
11292135	VK4LC, 2140	BY ZL1TWR	144.	S	ZL3NE
11292140	VK4ND		S	ZL2AGI	
11292144	VK4AFL		S	ZL2AGI	
11292215	VK4AFL		S	ZL2KT	
11292222	VK4ABW/2		S	ZL1MQ	
11292240	VK4KK, 2246	VK4WAG		S	ZL1MQ
11292257	VK4GWC		S	ZL1MQ	
11300002	VK4KK		S	ZL1MQ	
11300125	VK4/VK2FZ	144.	S	ZL3NE	
11300140	VK4PF, 0145	VK4RH	144.	S	ZL3NE
11300150	VK4AFS	144.	S	ZL3NE	
11300235	VK4/VK2ZF, 0240	VK4RH	144.	S	ZL3NE
11300630	VK4GMC	144.	S	ZL3NE	
11300809	VK4/VK2FZ & 0900-15		144.	S	ZL1TWR
11300835	VK4/VK2FZ	144.	S	ZL3NE	
11300840	VK4LV	144.	S	ZL3NE	
11300924	VK4LC, 0934	VK4ATG	144.	S	ZL1TWR
11300958	VK4GPS, 1000	VK2FZ/4	144.	S	ZL1TWR

11301910	VK4/VK2FZ	1915	VK4QV	144.	S	ZL3NE	12020015	ZL4TBN	S	ZL3NE	
11302045	VK4/VK2FZ			144.	C	ZL3NE	12020026	ZL3NW	S	ZL1MQ	
1130XXXX	VK4/VK2FZ & BY	ZL1AVZ		144.	S	ZL4AAA	12020030	ZL4DK	S	ZL3NE	
12050001	VK4KK				S	ZL1MQ	12020037	ZL3AAU	S	ZL1MQ	
12050845	VK4KMA				S	ZL3NE	12020043	ZL3TIC	S	ZL1MQ	
12050900	VK4/VK2FZ				S	ZL3NE	12020122	ZL4DK	S	ZL1MQ	
12050900+VK4DWJ					S	ZL2AQR/3	12020126	ZL4TBN	S	ZL1MQ	
12060618	VK4GWC				S	ZL1MQ	12030820	ZL TV vid S9 >QF22 45.240	V	VK3ALM	
12060642	VK4APG			144.	S	ZL2AGI	12032215	ZL4TBN	S	ZL1MQ	
12060652	VK4GPS				S	ZL1MQ	12032230	ZL4DK	S	ZL3NE	
12060656	VK4TQ				S	ZL1MQ	12040820	ZL TV vid S9 >QF22 45.260	V	VK3ALM	
12060735	VK4/VK2FZ			144.	S	ZL3NE	12040832	ZL TV -1232 45.24/.25/.26	V	ZK1AA	
12060740	VK4ARN				144.	S	ZL3NE	12042100	ZL TV >0400 45.24/.25/.26	V	ZK1AA
12060745	VK4BRG	549	>QF22	50.077	B	VK3ALM	12050006-ZL1ULN		146.8	R	VK
12060745	VK4RGG	599	>QF22	50.058	B	VK3ALM	12050930	ZL TV Vi S9 >QF22 45.240	S	VK3ALM	
12062212	VK4AFL				S	ZL3NE	12052130	ZL TV -2250 45.24 etc.	F&V	ZK1AA	
12062245	VK4CF				S	ZL3NE	12060530	ZL TV -0600 45.24/.25/.26	V	ZK1AA	
12062351	VK4GPS				S	ZL1MQ	12061930	ZL TV 1 -0830 45.24/etc.	V	ZK1AA	
12062359	VK4ARN				S	ZL3NE	12071830	ZL TV 1 -0930 45.24/etc.	V	ZK1AA	
1206XXXX	VK4/VK2FZ & BY	ZL1AVZ	144.	S	ZL4AAA	12071830	ZL TV 2 -0930 55.25/60.75	F&V	ZK1AA		
12070205	VK4PU				S	ZL3NE	12071830	ZL TV 3 -0930 62.25/67.75	F&V	ZK1AA	
12070302	VK4AFL				S	ZL1MQ	12080120	ZL TV vi S9 >QF22 45.250	V	VK3ALM	
12070545	VK4AFL & 0555				S	ZL3NE	12080420	ZL3/ZL2AQR	S	ZL3NE	
12072040	VK4GPS			51.	S	ZL1TMF	12080425	ZL4TBN	S	ZL3NE	
12072100	VK4ARN			51.	S	ZL1TMF	12080435	ZL3TY & 0440 BY ZL3NE	S	ZL1MQ	
12072116	VK4AFL			51.	S	ZL1TMF	12080443	ZL4TBN	S	ZL1MQ	
12072320	VK4BRG	519	>QF22	50.077	B	VK3ALM	12080448	ZL3/ZL2AQR	S	ZL1MQ	
1207XXXX	VK4APG & BY	ZL1HR	144.	S	ZL1IU	12100100	ZL TV 1 >0400 45.24/etc.	V	ZK1AA		
12080120	VK4RGG	599	>QF22	50.058	B	VK3ALM	12100300	ZL TV Vi S3 >QF22 45.240	V	VK3ALM	
12080128	VK4AFL	59+	>QF22	50.155	S	VK3ALM	12100300	ZL TV Vi S3 >QF22 45.250	V	VK3ALM	
12080147	VK4KK	59	>QF22	52.525	F	VK3ALM	1210XXXX	ZL TV 1 in all day	V	ZK1AA	
12092055	VK4OE,	2105	VK4JHM		S	ZL3NE	1211XXXX	ZL TV 1 2 & 3	V	ZK1AA	
12092125	VK4APG				S	ZL3NE	1214XXXX	ZL TV 1 -150800 45.24/etc	V	ZK1AA	
12092220	VK4AFL				S	ZL3NE	12151900	ZL TV 1	V	ZK1AA	
12100045	VK4KR	59	>QF22	50.160	S	VK3ALM					
12100105	VK4OE,	0108	VK4DH	144.	S	ZL3NE					
12100109	VK4/VK2FZ,	0110	VK4PU	144.	S	ZL3NE					
12100111	VK4K2R,	0124	VK4AEN	144.	S	ZL3NE					
12100115	VK4ZAZ,	0125	VK4ARN		S	ZL3NE					
12100118	VK4/VK2FZ			144.	S	ZL1TWR					
12100125	VK4ARN,	0140	VK4GPS	144.	S	ZL1TWR					
12100128	VK4GPS,	0135	VK4JSR	144.	S	ZL3NE					
12100145	VK4GPS				S	ZL3NE					

AUSTRALIA-VKS

12062210	VK5BC & 2315	ON CW			S	ZL3NE
12062351+VK5BC					S	ZL2AGI
12100021	VK5ZGC	57	>QF22	50.110	S	VK3ALM
12100028	VK5VW	58	>QF22	50.130	S	VK3ALM
12100030	VK5VF	589	>QF22	52.450	B	VK3ALM
12100415	VK5BC				S	ZL1MQ
12100648	VK5BC				S	ZL1MQ
12100720	VK5BC & 0900				S	ZL3NE

AUSTRALIA-VK6

11282345	VK6ZMA			146.8	R	ZL3
12080600	VK6AS	59	>QF22	50.130	S	VK3AMX

AUSTRALIA-VK7

11070643	VK7ZMF	NOT 1106		50.110	JH1WHS
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COOK IS.: Our condolences to Stuart Kingan, ZK1AA, whose wife Tereapi fell out of a window just before Christmas and died in a hospital on Christmas.

HAWAIIAN IS.

12041115	KHON	2 HI -1315	55.260	V	ZK1AA
12051241	KHON	2 HI -1311	s/off	V	ZK1AA
12101440	KHON	2 & b4	s/off weak	V	ZK1AA
12111440	KHON	2 & b4	s/off weak	V	ZK1AA
12171200	KHON	2 -1250 & s/o	1320	V	ZK1AA
12211018	KHON	2 -1218 & s/o	1435	V	ZK1AA
12220855	KHON	2 -1308 & s/o	1438	V	ZK1AA
12260650	KHON	2 -s/off & s/o		V	ZK1AA

NEW CALEDONIA

1202XXXX	FK8 NOUMEA	2M REPEATER		VK4
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NEW ZEALAND

11290845	ZL3TIC,	0855 ZL3ADT		S ZL1MQ
11290903	ZL2AQR/3			S ZL3NE

NORFOLK IS.-VK9

1130XXXX	VK9NS & BY	ZL1IU	144.	S	ZL4AAA	
12092230	VK9NS	55	>QF22	50.110	S	VK3DUT
12100537	VK9NS	NORFOLK IS		S	ZL4TBN	
12100812	VK9NS	55	>QF22	50.110	S	VK3ALM
12110636	VK9NS			S	ZL4TBN	
12110638	VK9NS			S	ZL3NE	

TONGA: Ted, NH6YK, passes along the following: "12/4 or 12/5-about 1700 UT, Channel 3 video (a Barbie commercial) was received by A35CT in Nukualofa, Tonga. I doubt it was Hawaii--but could have easily been American Samoa. If anyone has spare 6M equipment (or satellite stuff) Craig, A35CT would enjoy operating it."

Reports of South America

ARGENTINA

11051745	LU8WAT	S9+20	FE64	50.115	LW5EJU/	GW	
11051752	LU1WFU	S9+20	FE64	50.115	LW5EJU/	GW	
11060055	LU8DNY	55	JOSE MARIA	.110	LW5EJU/	Es	
11070051	LU9EHF	LINCOLN		50.015	B	LU8EWD	
11070122	LW5EJU	S9	PILAR	50.090	B	LW5EJU/	Es
11070143	LU5EJU/W	FE64NX		50.110	S	LU8EWD	
11070147	LU8EWD	S9	GF05>FE64	50.110	LW5EJU/	Es	
11070147	LW4ETR	52	RICARDO	50.110	LW5EJU/	Es	
11070148	LW4DIR	59	GUSTAVO	50.110	LW5EJU/	Es	
11070200	LU9EHF	59	LUIS B.A.	50.110	LW5EJU/	Es	
11070206	LU2FF	59	JORGE S.F.	.110	LW5EJU/	Es	
11070215	LU6FGT	58	PEDRO "	50.110	LW5EJU/	Es	
11070302	LW5EJU/W	FE64NX		50.120	F	LU8EWD	
11070306	LU8EWD	55	JORGE	50.110	LW5EJU/	Es	
11070312	LU8AWH	55	HECTOR	50.110	LW5EJU/	Es	
11070323	AZ3FAF	59	DANIEL S.F.	.110	LW5EJU/	Es	
11070330	LU9EHF	S2	LINCOLN	50.016	B	LW5EJU/	Es
11091741	LU8EWD	52	JORGE GF05	.110	LW5EJU/	Es	
11091748	LU8DNY	59+	JOSE MARIA	.110	LW5EJU/	Es	
11091821	LW6EUQ	59	RUBEN	50.110	LW5EJU/	Es	
11091830	LU4DHD	59	GUILLERMO	50.110	LW5EJU/	Es	
11091845	LU3EW	53	CARLOS	50.110	LW5EJU/	Es	
11091910	LW5EJU	59	PILAR	50.090	LW5EJU/	Es	
11091928	LU8DIO	59	EDUARDO	50.110	LW5EJU/	Es	
11091929	LU4DAD	59		50.110	LW5EJU/	Es	
11091939	LW4ETR	54	RICARDO	50.110	LW5EJU/	Es	
11091940	LU1BAO	59	OSCAR	50.110	LW5EJU/	Es	
11091945	LW6EUQ	59	RUBEN	50.110	LW5EJU/	Es	

11091949	LU3EW	59	CARLOS	50.110	LW5EJU/	Es	11211926	LU3AOU	59	JOSE B.A.	50.110	LW5EJU/	Es		
11091951	LW4DYS	57	SERGIO	50.110	LW5EJU/	Es	11211929	LU2ERU	55	WALTER	50.110	LW5EJU/	Es		
11091953	LU4DAJ	53	RAUL	50.110	LW5EJU/	Es	11211933	LU4DHD,LU9DMJ,LU1BAO	51.5	F	LW5EJU/	Es			
11092008	LU7EX	57	LEON	50.110	LW5EJU/	Es	11211941	LU2DGO	59		50.110	LW5EJU/	Es		
11092024	LU3EGG	57	CARLOS	50.110	LW5EJU/	Es	11212014	LU3CGG,	LU1DMA		50.110	LW5EJU/	Es		
11092029	LU3EMK	S9		50.0815	B	LW5EJU/	Es	11212024	LU3EMK	S9+20	GF05	50.0815	B	LW5EJU/	Es
11092114	LU7DX	55	JULIO	50.110	LW5EJU/	Es	11212028	LU8EWD,	LW6EUQ	59+30	.110	LW5EJU/	Es		
11092142	LU2FF	57	JORGE S.F.	.110	LW5EJU/	Es	11212029	LU5EJU/W	FE64NX		50.110	S	LU8EWD		
11092148	LU6FGX	51	SANTA FE	50.110	LW5EJU/	Es	11212032	LU8DIO	59+30	EDUARDO	.110	LW5EJU/	Es		
11092155	AZ3FAF	53	" "	50.110	LW5EJU/	Es	11212037	LU3AHO	59	EDUARDO	50.110	LW5EJU/	Es		
11092210	LU8AHW	59	HECTOR GF05	.110	LW5EJU/	Es	11212041	LU5JAU	59+30	DANIEL	50.115	LW5EJU/	Es		
11092219	LU8DIO	59	EDUARDO	50.110	LW5EJU/	Es	11212046	LU8DCH	S7		50.0825	B	LW5EJU/	Es	
11092332	LU1WFU	59+30	FE64	50.110	LW5EJU/	GW	11212053	LU9JKU	59+20	MIGUEL	50.115	LW5EJU/	Es		
11092335	LU8WAT	59+30	FE64	50.110	LW5EJU/	GW	11221200	LU5EJU/W	FE64NX		50.110	S	LU8EWD		
11101430	LU1WJ	59+30	FE64	51.500	F	LW5EJU/	GW	11222318	LU7VB	FF58		50.105	S	LU8EWD	
11101530	LU8DNY	59	LA PLATA	50.110	LW5EJU/	Es	11232157	LU8EWD	59+10	JORGE	50.110	LW5EJU/	Es		
11112045	LU8DNY	59	JOSE MARIA	.110	LW5EJU/	Es	11232203	LU7DIV	59	JUAN CARLOS	.110	LW5EJU/	Es		
11112108	LW5EJU	S9		50.090	B	LW5EJU/	Es	11232205	LU3CGG	59+20	CARLOS	50.110	LW5EJU/	Es	
11112112	LU9EHF	S9+		50.016	B	LW5EJU/	Es	11232211	LU4DHD	59	GUILLERMO	50.120	LW5EJU/	Es	
11112123	LU3EMK	S9+20		50.0815	B	LW5EJU/	Es	11232349	LU8DNY	59	LA PLATA	50.120	LW5EJU/	Es	
11112127	LU8DCH	S5		50.0825	B	LW5EJU/	Es	11242341	LU9EHF	59+30	LINCOLN	.016	B	LW5EJU/	Es
11112132	LU1DMA	57	LUIS GF05	.110	LW5EJU/	Es	11242345	LU9EHF	59	LUIS	50.110	LW5EJU/	Es		
11112133	LU8EWD	59	JORGE	.110	LW5EJU/	Es	11242357	LU5EJU	S9	PILAR	50.090	B	LW5EJU/	Es	
11112135	LU4DAJ	57	RAUL	.110	LW5EJU/	Es	11250001	LU3EMK	S9+10		50.0815	B	LW5EJU/	Es	
11112139	LU2DGO	55	JORGE	.110	LW5EJU/	Es	11250020	LU5JAU	59+30	ENTRE RIOS		LW5EJU/	Es		
11112140	LU8ANS	52	ANTONIO	.110	LW5EJU/	Es	11250035	LU7FA	59+20	SANTA FE	.120	LW5EJU/	Es		
11112142	LU3AEA	59	JORGE	.110	LW5EJU/	Es	11251105	LU6EUQ	S7	RUBEN GF05	.110	LW5EJU/	Es		
11112146	LU7MEC	59	FRANCO (MENDOZA)		LW5EJU/	Es	11251258	LU5EJU	S9		50.090	B	LW5EJU/	Es	
11112151	LU3EMK	58	HORACIO	.110	LW5EJU/	Es	11251300	LU9EHF	S9+30		50.016	B	LW5EJU/	Es	
11112156	LU1BAO	59	OSCAR	.110	LW5EJU/	Es	11251306	LU2FF	57	SANTA FE	50.110	LW5EJU/	Es		
11112158	LU4DMX	59	HORACIO	.110	LW5EJU/	Es	11252226	LU3EMK	S9+20		50.0815	B	LW5EJU/	Es	
11112206	LU8AHW	57	HORACIO	.110	LW5EJU/	Es	11252242	LU8EWD	59+20	JORGE	50.110	LW5EJU/	Es		
11112208	LU3AHO	55	EDUARDO	.110	LW5EJU/	Es	11252250	LU7DZ/H	59+	CORDOBA	50.110	LW5EJU/	Es		
11112232	LW5EJU/W	(1350Km)		50.110	S	LU8EWD		11252259	LU1DVT	59+20	GF11	50.110	LW5EJU/	Es	
11112326	LU1VK	(1800Km)		50.110	S	LU8EWD		11252338	LU1BAO	59+10	GF05	51.500	F	LW5EJU/	Es
11142119	LW5EJU	S9		50.090	B	LW5EJU/	Es	11252355	LU5JAU	59	DANIEL	50.120	LW5EJU/	Es	
11142121	LU3EMK	S9+30		50.0815	B	LW5EJU/	Es	11260015	LU9MA	59+20	MENDOZA FF56		LW5EJU/	Es	
11142126	LU5JAU	59+10	DANIEL	.120	LW5EJU/	Es	11261415	LU5JAU	S9	DANIEL	50.110	LW5EJU/	Es		
11142134	LU7DIV	59+30	JUAN CARLOS		LW5EJU/	Es	11261429	LU8EWD	59	JORGE	50.110	LW5EJU/	Es		
11142134	LU9AEA	59+30	GF05	.120	LW5EJU/	Es	11261437	LU2DGO	53		50.110	LW5EJU/	Es		
11142143	LU3EW	S9+30	CARLOS	50.120	LW5EJU/	Es	11261439	LU4DHD	57	GUILLERMO	50.110	LW5EJU/	Es		
11142146	LU3EGG	S9+20	CARLOS	50.120	LW5EJU/	Es	11261444	LU9MA	59+10	EUGENIO	.110	LW5EJU/	Es		
11142148	LW6EUQ	59+30	RUBEN	50.120	LW5EJU/	Es	11261449	LU3EMK	S7		50.0815	B	LW5EJU/	Es	
11142149	LU4DHD	59+30	GUILLERMO	.120	LW5EJU/	Es	11261723	LU4EBC	59+10	JORGE	50.110	LW5EJU/	Es		
11142150	LW5EJU/W	FE64NX		50.120	S	LU8EWD		11261733	LU6DB	59+10	JULIO	50.110	LW5EJU/	Es	
11142151	LU8EWD	59+10	JORGE	.120	LW5EJU/	Es	11261734	LU1DMA	59+10	LUIS	50.110	LW5EJU/	Es		
11142155	LU8DCH	S8		50.0825	B	LW5EJU/	Es	11261740	LU4DMX	59	HORACIO 3W	.110	LW5EJU/	Es	
11142200	LU3AHO	S9+30	EDUARDO	.120	LW5EJU/	Es	11261743	LU7DYL	57	OSCAR	50.110	LW5EJU/	Es		
11142202	LU3EX	59+10	LEON	50.120	LW5EJU/	Es	11261745	LU4DHD	59	GUILLERMO	50.110	LW5EJU/	Es		
11142203	LU7DX	59+10	JULIO	51.500	F	LW5EJU/	Es	11261748	LU1BAO	59+10	OSCAR	50.110	LW5EJU/	Es	
11142207	LU7BEE	59+20	NESTOR	51.500	F	LW5EJU/	Es	11261756	LU2EU	59	JOSE	50.110	LW5EJU/	Es	
11142209	LU7DIV	S7	JUAN CARLOS	51.5	F	LW5EJU/	Es	11261805	LU5EJU	59		50.090	B	LW5EJU/	Es
11142209	LU7DWW	S8	JUAN	51.500	F	LW5EJU/	Es	11271530	LU3EMK	59+30		50.0815	B	LW5EJU/	Es
11142224	LU9EHF	59	LINCOLN	50.110	LW5EJU/	Es	11271532	LU5EJU	S9+10	>FE64	50.090	B	LW5EJU/	Es	
11142225	LU6FGT	55	PEDRO S.F.	.110	LW5EJU/	Es									
11142230	LU2FF	59	JORGE S.F.	.110	LW5EJU/	Es									
11142247	LU7FDZ	52	SANTA FE	50.110	LW5EJU/	Es									
11151754	LU3EMK	S5		50.0815	B	LW5EJU/	Es								
11151802	LW5EJU	S7		50.090	B	LW5EJU/	Es								
11151803	LU5JAU	59+30	ENTRE RIOS		LW5EJU/	Es									
11151816	LU8DIO	59+10	EDUARDO	.110	LW5EJU/	Es									
11151822	LU3EW	59+20	CARLOS	.110	LW5EJU/	Es									
11151838	LW6EUQ	59+30	RUBEN	.110	LW5EJU/	Es									
11151840	LU3CGG	59+10	CARLOS	.110	LW5EJU/	Es									
11151843	LU4DFZ	57	ECTOR	50.110	LW5EJU/	Es									
11151849	LU2FF	59	JORGE S.F.	.110	LW5EJU/	Es									
11151851	LU7BEE	59+20	NESTOR	.110	LW5EJU/	Es									
11151854	LU3JKV	59+10	SEBASTIAN	.110	LW5EJU/	Es									
11151855	LU8EEM	59+10	RUBEN	.110	LW5EJU/	Es									
11151856	LU2EQN	59+10	HENRRIQUE		LW5EJU/	Es									
11151857	LU4DHD	GUILLERMO		50.110	LW5EJU/	Es									
11151858	LU9EHF	59+30		50.016	LW5EJU/	Es									
11151901	LU4DHD	59+30	GUILLERMO	51.5	F	LW5EJU/	Es								
11151902	LW6EUQ	59+30	RUBEN	51.500	F	LW5EJU/	Es								
11151903	LU3JKV	59+10	SEBASTIAN	51.5	F	LW5EJU/	Es								
11151904	LU7BEE	59+20	NESTOR	51.500	F	LW5EJU/	Es								
11151905	LU3CGG	59+10	CARLOS	51.500	F	LW5EJU/	Es								
11151906	LU7DX	59+20	JULIO	51.500	F	LW5EJU/	Es								
11151912	LU2FF	59+10	JORGE	51.500	F	LW5EJU/	Es								
11151918	LU3AHO	59+20	EDUARDO	.110	LW5EJU/	Es									
11151919	LW4ETR	59+20	RICARDO	.110	LW5EJU/	Es									
11151949	LU8EWD	59+20	JORGE	.110	LW5EJU/	Es									
11211211	LU3YYZ	1500Km	SW	51.500	F	LU8EWD									
10251825	PY2AA	59+10													
10252058	PY2YKA	57	DANIEL S.P.	.110											
11112035	PY2VV	55	SAN PABLO	50.110											
11142120	PY2VV	GG68GT													
11162305	PY2MEM														
11162313	PY2BQM														
11212055	PY2AA		SAO PAULO	50.058	B	LU8EWD									

11212100	PU5EEM		50.120	S	LU8EWD
11212115	PY2SFY	GG77GA	50.109	S	LU8EWD
11212130	PP5BC		50.120	S	LU8EWD
11232329	PY2VV	GG68GT	50.110	S	LU8EWD
12052031	PY2PD	GG68WO	50.110	S	LU8EWD
12052108	PY2PD	GG68WO	51.500	F	LU8EWD
12112336	PY2CDS	GG66	50.125	S	LU8EWD

CHILE

11260030	CE3BFZ	59+10 PEDRO	FF46RN	LW5EJU/	Es
12112315	CE3BFZ	FF46	50.120	S	LU8EWD
12112330	XQ3MCC	FF46	50.120	S	LU8EWD

COLUMBIA

11190144	HK4BHA	FJ25	50.114	S	LU8EWD
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FALKLAND IS.

11222244	VP8CSA	QSLVIA DL1SDN	50.120	S	LU8EWD
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PARAGUAY

11112046	ZP5AA	S5	50.040	B	LW5EJU/	Es
11142148	ZP5AA	ASUNCION	50.024	B	LU8EWD	
11142155	ZP5AA	ASUNCION	50.239	B	LU8EWD	
11152021	ZP9AA	S3 QSR	50.024	B	LW5EJU/	Es
11232243	ZP9DM	GG14	50.110	S	LU8EWD	

URUGUAY

11070050	CX1CCC	MONTEVIDEO	50.018	B	LU8EWD	
11070121	CX1CCC	S9+20 >FE64	50.0185	B	LW5EJU/	Es
11091621	CX1CCC	S9+20	50.0185	B	LW5EJU/	Es
11091934	CX9DK	53 FERMIN	50.110	LW5EJU/	Es	
11112109	CX1CCC	S9	50.018	B	LW5EJU/	Es
11142120	CX1CCC	S9	50.0185	B	LW5EJU/	Es
11151858	CX1CCC	59+30	50.0185	LW5EJU/	Es	
11211945	CX1CCC	59+20	50.018	B	LW5EJU/	Es
11252325	CX1CCC	59+30	50.018	B	LW5EJU/	Es
11252340	CX4AE	57 MONTEVIDEO	51.53	F	LW5EJU/	Es
11261420	CX1CCC	59+10 >FE64	50.018	B	LW5EJU/	Es
11271531	CX1CCC	59+30	50.018	B	LW5EJU/	Es

VENEZUELA

10290100	YV4AB	S5	50.025	B	LW5EJU	TE
10290125	YV4AAB	55 IVAN	50.110	LW5EJU	TE	
11050346	YV4BK	FK60IC	50.113	S	LU8EWD	
11070052	YV4AB		50.024	B	LU8EWD	
11070056	YV6DBX	FK60EC	50.110	S	LU8EWD	
11100030	YV4YC	FK60	50.110	S	LU8EWD	
11100040	YV4FZM	FK60	50.110	S	LU8EWD	
11120116	YV4BK	FK60IC	50.110	S	LU8EWD	
11260009	YV6DFW	57 WKG LU7FA	50.110	LW5EJU/	TE	
11260010	YV4AB	S2 QSB >FE64	50.025	B	LW5EJU/	TE
12030036	YV4BK	FK60IC	50.110	S	LU8EWD	
12100015	YV4BK	FK60IC	51.500	F	LU8EWD	
1225XXXX	YV4AB	WEAK		B	KS0F	

EME News

JA9BHZ, Shige, played a tape to JA1VOK of EME signals he had recorded of VE3ONT on 50 MHz. He could copy them when the moon reached 20 degrees elevation where his antenna was pointed. He is not able to steer his antenna in elevation.

Unfortunately his house recently suffered an indirect lightning hit, and he will need a couple months to repair the damage.

Beacon News

Feedback from K6QXY re beacon list published last month. Beacons Left Off that he thought were operational: OX3VHF 50.045 GP60QR and VE8BY 50.048 FP53RS. He asks, are these beacons on the air? Last word from Larry, VE8HL, was that the VE8BY beacon was off the air due to QRM to cordless telephones. I have no reports of OX3VHF being heard during 1995 despite ample propagation to OX3LX in GP36.

Under Beacons not operational? he lists FO5DR 50.050 (yes), KB6BKN 50.063 (incorrectly listed as KB6BKC, off the air), and VE5US 50.063 (which he did not hear at all during last "E" season). He also inquires about the status of VE9AA 50.073.

Adam Maurer, VK3ALM, writes: "It's a pity to read about FO5DR being QRT due to TVI. Surely the TVI can be cured. I recently fixed a TVI problem here. My [1] kW ERP was causing havoc with a neighbours TV who is only 50 ft away. I'm sure TVI from a low-powered beacon can be fixed. There are already too few beacons in the Pacific region, without this one closing down. It would be nice to have beacons on FK8, YJ, and H44."

I suspect FO5DR will be back on during daytime when the F2 returns. However, those of our readers considering putting beacons on some of these islands should consider that the cost of power consumption may be a considerable deterrent to their operation. I know of at least one island where petroleum products cost over \$10/gallon and thus the cost of electricity when available could be ten times what you and I pay for it. {My summer daytime rate is \$.325/kwh}.

December 1995 6m Beacon List II

FREQ:	CALL:	GRID:	PWR:	ANT:
50.067	W3HH	EN90	??	????
50.067	W4RFR	EM66	2	????
50.067	OH9SIX	KP36	35	4 * D/P HORIZ/OMNI
50.068	W7US	DM42	50	4/EL
50.069	K6FV	CM87	100	SLEEVE DIPOLE
50.070	W2CAP	FN41	15	V/DIPOLE
50.070	SK3SIX	JP71	10	X/DIPOLES
50.070	ZS1SES	????	??	
50.070	EA3VHF	JN01	.25	VERTICAL
50.071	WB5LUA	EM12	1.5	HALO
50.071	KA5BTP	EM40	??	????
50.072	KS2T	FM29	10	G/PLANE
50.072	WA4NTF	EM81	??	????
50.072	KW2T	FN13	.5	SQUALO
50.073	WB4WTC	FM06	10	2 LOOPS
50.073	ES6SIX	KO37	10	G/PLANE
50.073	NN7K	DM09	1	RINGO RANGER
50.073	VE9MS	FN65	50	LOOP @ 30 FT
50.075	W6SKC/7	DM41	5	????
50.075	NL7XM/2	FN20	1	SQUALO @ 45 FT
50.0755	PY2AMI	GG67	10	G/PLANE
50.076	KL7GLK/3	FM18	4	OMNI
50.077	VE3DRL	????	??	??
50.077	N0LL	EM09	21	2 * HALOS
50.077	WB2CUS	EL98	1	LOOP
50.0775	VK4BRG	QG48	5	TURNSTILE
50.078	PT7BCN	HI06	5	G/PLANE
50.078	OD5SIX	KM74	8	1/4 VERTICAL
50.079	TI2NA	EJ79	20	DIPOLE
50.080	ZS1SIX	JF96	10	HALO
50.082	CO2FRC		2	DIPOLE
50.0825	LU8DCH	GF05	??	??
50.086	VP2MO	FK86		
50.0865	LU1MA	FF57	8	G/PLANE
50.087	PB0ALN	J022	??	???
50.087	VK4RTL	QH30	10	
50.0873	YU1SIX	KN03	15	DIPOLE
50.088	VE2TWO	FO13	18	DIPOLE
50.095	PT5XX	GG54	50	DIPOLE
50.098	LU2MFO	FF97	4	BEAM
50.200	ZR1BCE/ZS8		170	5 EL BEAM TIL MAY 96
50.315	FX4SIX	JN06	25	X/DIPOLES @ 160M ASL
50.480	JH82ND	QN02	10	G/PLANE
50.485	JH9YHP	PM86	2/10	X/DIPOLE
50.490	JG1ZGW	PM95	10	DIPOLE
50.499	5B4CY	KM64	15	1/4 G/PLANE
50.521	SZ2DF	KM25	1000	4*16E QTF330/EL30
51.022	ZL1UHF	RF73	25	VERTICAL
51.029	ZL2MHB	RF80	1/10	1/2 VERTICAL
52.345	VK4ABP	QG26	4	1/4 VERTICAL
52.420	VK2RSY	QF56	25	TURNSTILE
52.450	VK5VF	PF95	10	TURNSTILE
52.510	ZL2MHF	RE78	4	DIPOLE